

## **BIOLOGICAL PASSAGEWAY OCCLUSION REMOVAL**

### **ABSTRACT OF THE DISCLOSURE**

**[0145]** A medical device comprises a catheter having proximal and distal catheter ends and a lumen. The medical device may comprise an expandable and contractible, annular-space-blocking element, carried by the catheter at or near the distal catheter end, having, when in an expanded state, a funnel-shaped surface for receipt of material. The medical device may also comprise first and second expandable and contractible elements. The first element may be a vessel-occluding element positioned distal of the distal catheter end. The second element may be an annular-space-blocking element positioned between the first element and the proximal catheter end. At least one of the elements may comprise spaced apart structural members and a membrane associated therewith. One of the elements, when in an expanded state, may have a funnel-shaped surface and a longitudinally-extending opening for receipt of material.